

RECEIVED

CENTRAL FAX CENTER

FEB 23 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. CMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

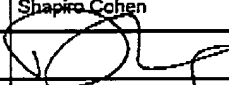
44

Application Number	10/611,939
Filing Date	July 3, 2003
First Named Inventor	Francis M. HARAN
Art Unit	2877
Examiner Name	Unknown
Attorney Docket Number	0145P35US01

ENCLOSURES (Check all that apply)

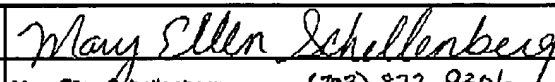
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Shapiro Cohen		
Signature			
Printed name	Dennis S. K. Leung		
Date	February 23, 2005	Reg. No.	47,325

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Mary Ellen Schellenberg	(703) 872-9306	Date February 23, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER

FEB 23 2005

File No.: 0145P35US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/611,939
Filed : July 3, 2003
Title : METHOD AND APPARATUS USING POLARISATION
OPTICAL TIME DOMAIN REFLECTOMETRY FOR
SECURITY APPLICATIONS
Inventor : Francis M. HARAN
Examiner : Unknown
Group Art Unit : 2877

February 23, 2005

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. 1.97

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202
U.S.A.

Sir:

Under the provisions of 37 C.F.R. 1.97, including particularly subsections (g) and (h) thereof, and 37 C.F.R. 1.98 including specifically subsection (d) thereof, Applicant calls to the attention of the Examiner the following documents, copies of which are enclosed:

U.S. PATENT DOCUMENTS

AA	5,194,847	H. F. TAYLOR et al.
AB	5,144,125	H. R. CARTER et al.

FOREIGN PATENT DOCUMENTS

BA	EP 0 638 795	AT & T Corp.
BB	EP 0 320 255	Simmonds Precision Products Inc.
BC	EP 0 246 487	Magal Security Systems, Ltd.

Appl. No. 10/611,939
IDS Dated February 23, 2005

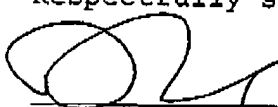
These references were cited in a Search Report issued by the U.K. Patent Office on the equivalent application on November 30, 2004. A copy of the Report, which includes an indication of the relevance of these references, is enclosed.

Applicant respectfully requests that these references be entered into the record of this application. The Examiner is requested to initial the appropriate area on the enclosed copy of PTO Form SB/08A, thereby indicating consideration by the Examiner of each of these references.

The commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.

Applicant respectfully submits that the present claims are patentable over the references identified herein, and requests timely and favourable examination of this application.

Respectfully submitted



Dennis S.K. Leung
Reg. No. 47/325

SHAPIRO COHEN
P.O. Box 3440
Station D
Ottawa, Ontario
Canada, K1P 6P1
Tel.: (613) 232-5300

/DSKL/NR/ms
Enclosures



Application No: GB0414812.8
Claims searched: 1-21

Examiner: Richard Kerslake
Date of search: 30 November 2004

Patents Act 1977: Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X	1,2,5-7 & 10	EP0638795 A2 (AT & T CORP.) See Whole Document
X	1,5-7 & 10	EP0320255 A2 (SIMMONDS PRECISION PRODUCTS) See Column 4 Line 5 - Column 6 Line 51
A	-	US5194847 A (TEXAS A & M UNIVERSITY SYSTEM)
A	-	US5144125 A (THE BABCOCK & WILCOX COMPANY)
A	-	EP0246487 A2 (MAGAL SECURITY SYSTEMS, LTD.)

Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^W:

G1A; G4N; H4D

Worldwide search of patent documents classified in the following areas of the IPC⁰⁷

G01L; G01M; G01S; G08B

The following online and other databases have been used in the preparation of this search report

EPODOC, JAPIO, WPI

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/611,939
Filing Date	July 3, 2003
First Named Inventor	Francis M. HARAN
Art Unit	2877
Examiner Name	Unknown
Attorney Docket Number	0145P35US01

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T [†]
		Country Code [§] Number [¶] Kind Code [§] (if known)				
	BA	EP 0 638 795		AT & T Corp.		
	BB	EP 0 320 255		Simmonds Precis		
	BC	EP 0 246 487		Magal Security		

Examiner Signature		Date Considered
-----------------------	--	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.